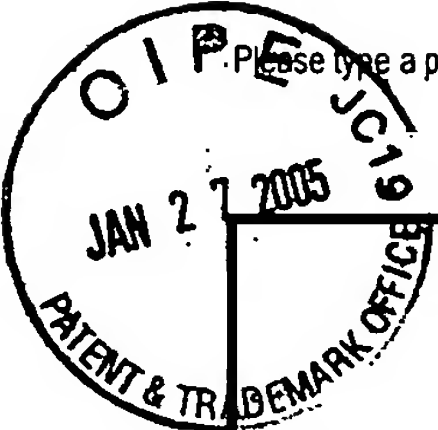


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Please type a plus sign (+) inside this box ☐

☐

PTO/SB/21 (6-99)

Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/015,519
		Filing Date	DECEMBER 11, 2001
		First Named Inventor	AUDREY GODDARD
		Group/Art Unit	1647
		Examiner Name	LANDSMAN, ROBERT S.
Total Number of Pages in This Submission	4	Attorney Docket Number	39780-2830 P1C49

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> FEE TRANSMITTAL FORM <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Version With Markings Showing Changes <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 <input type="checkbox"/> Copy of Notice	<input type="checkbox"/> Copy of an Assignment <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, by Assignee to Exclusion of Inventor Under 37 C.F.R. §3.71 With Revocation of Prior Powers <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input checked="" type="checkbox"/> AMENDMENT UNDER 37 C.F.R. §1.48(b) AND 37 C.F.R. §1.312	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> ADDITIONAL ENCLOSURE(S) (PLEASE IDENTIFY BELOW): <input checked="" type="checkbox"/> STAMPED RETURN POSTCARD
Remarks AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT 08-1641 FOR ANY FEES DUE IN CONNECTION WITH THIS PAPER, REFERENCING ATTORNEY'S DOCKET NO. 39780-2830 P1C49.		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT			
Firm or Individual name	HELLER EHRMAN WHITE & McAULIFFE LLP	ANNA L. BARRY (Reg. No. 51,436)	
	275 Middlefield Road, Menlo Park, California 94025	Telephone: (650) 324-7000	Facsimile: (650) 324-0638
Signature			
Date	JANUARY 27, 2005	Customer Number:	35489

CERTIFICATE OF EXPRESS MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and addressed to: MAIL STOP AF, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450, on this date: JANUARY 27, 2005			
Express Mail Label EV 582 628 337 US			
Typed or printed name	C. FONG		
Signature		Date	JANUARY 27, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:) Examiner: Landsman, Robert S.
Audrey GODDARD, et al.)
Application Serial No. 10/015,519) Art Unit: 1647
Filed: December 11, 2001) Confirmation No: 4482
For: **PRO1347 NUCLEIC ACIDS**) Attorney's Docket No. 39780-2830 P1C49
Customer No. 35489

EXPRESS MAIL LABEL NO. EV 582 628 337 US
DATE MAILED: JANUARY 27, 2005

AMENDMENT UNDER 37 C.F.R. §1.48(b) AND 37 C.F.R. §1.312

MAIL STOP AF
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

In the above identified application, a Notice of Allowance was mailed on November 22, 2004, but an issue fee has not been paid. Having reviewed the allowed claims, Applicants have found that as a result of claim amendments made during prosecution, fewer than all of the currently named inventors are the actual inventors of the invention being claimed in the present application. Accordingly, please delete the names of the following inventors, who have not made an inventive contribution to the currently claimed subject matter:

Kevin P. Baker	David Botstein
Dan L. Eaton	Napoleone Ferrara
Sherman Fong	Wei-Qiang Gao
J. Christopher Grimaldi	Kenneth J. Hillan
James Pan	Nicholas F. Paoni
Margaret Ann Roy	Victoria Smith
Timothy A. Stewart	Daniel Tumas
Colin K. Watanabe	P. Mickey Williams

~~02/02/2005 HDEMSS1 00000050 081641 10015519~~

~~01 FC:1464 130.00 DA~~

02/02/2005 HDEMSS1 00000051 081641 10015519

01 FC:1464 130.00 DA

Upon entering the present amendment, Luc Desnoyers, Audrey Goddard,
Paul J. Godowski, Austin Gurney and William I. Wood remain named inventors in this case.

Please charge the fee of \$130.00 and/or any fees that might become applicable, including
any fees for extension of time, or credit overpayment to Deposit Account No. 08-1641,
referencing Attorney's Docket No. 39780-2830 P1C49.

Respectfully submitted,

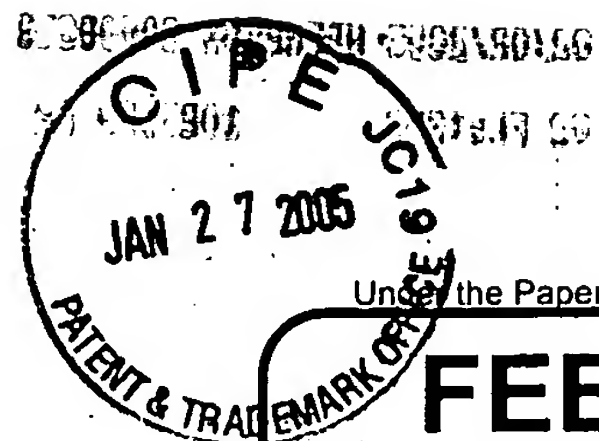
Date: January 27, 2005

By: 
Anna L. Barry (Reg. No. 51,436)

HELLER EHRMAN WHITE & McAULIFFE LLP

275 Middlefield Road
Menlo Park, California 94025
Telephone: (650) 324-7000
Facsimile: (650) 324-0638

SV 2098214 v1
1/27/05 10:08 AM (39780.2830)



02/02/2005 HDEMESS1 00000051 081641 10015519

02 FC:1253 1020.00 DA

PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 130.00

Complete if Known

Application Number	10/015,519
Filing Date	DECEMBER 11, 2001
First Named Inventor	AUDREY GODDARD
Examiner Name	LANDSMAN, ROBERT S.
Art Unit	1647
Attorney Docket No.	39780-2830 P1C49

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

08-1641 (39780-2830 P1C49)

HELLER EHRMAN WHITE & McAULIFFE LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	300	2001	150	Utility filing fee	
1002	200	2002	100	Design filing fee	
1003	200	2003	100	Plant filing fee	
1004	300	2004	150	Reissue filing fee	
1005	200	2005	100	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid	
Total Claims		-20** =		X		=	
Independent Claims		-3** =		X		=	
Multiple Dependent						=	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	50	2202	25	Claims in excess of 20
1201	200	2201	100	Independent claims in excess of 3
1203	360	2203	180	Multiple dependent claim, if not paid
1204	200	2204	100	** Reissue independent claims over original patent
1205	50	2205	25	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	1,020.00
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive - unavoidable	
1453	1,500	2453	750	Petition to revive - unintentional	
1501	1,400	2501	700	Utility issue fee (or reissue)	
1502	800	2502	400	Design issue fee	
1503	1,100	2503	550	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	130.00
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

130.00

SUBMITTED BY

(Complete (if applicable))

Name (Print/Type)

ANNA L BARRY

Registration No.
(Attorney/Agent)

51,436

Telephone

(650) 324-7000

Signature

Date

JANUARY 27, 2005

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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02/02/2005 HDEMESS1 00000050-10015519
02 FC:1253 1020.00-DA